



The Minuteman



Volume 12 Number 4

The OFFICIAL NEWSLETTER of the
MINUTEMAN REPEATER ASSOCIATION

March 1984

MEMBERSHIP MEETING

<u>DATE</u>	Monday, March 19, 1984.
<u>PLACE</u>	Campion Center, Concord Rd., Weston (see map).
<u>TIME</u>	7:30 PM, doors open at 7:00 PM for socializing.
<u>FEATURE</u>	Jim Morris, KIUGM, a trustee of the 88 machine, giving his ZAP direction funding program.
<u>RAFFLE</u>	Be sure to buy your raffle tickets early and often.
<u>REFRESHMENTS</u>	Free coffee and doughnuts.

It appears that this little session with questions and answers about repeaters and their operation was well received by the membership and perhaps in the future, as time permits, we will be able to have more miniseminars. We would like your input as to whether or not you would like this. Let us know by dropping a line or telling Board members on the air. We ordered the new transmitter and two receivers for 146.22/82 repeater which is the first step in updating our equipment and for the link to Arlington.

At the same time we ordered the new transmitter for the 450 MHZ machine. We have been able to come in under budget by obtaining an amateur discount on this equipment. The total price of the two transmitters and two receivers, assembled and ready to go with crystals in die cast aluminum cases was under \$926.82. Both transmitters were not bare bones variety; each contained an amplifier and was complete in every detail. We expect April delivery and you should reap the benefits of this perhaps in May.

We should be very proud of our HAM classes, and the excellent teachers. The Chairperson (also an MMRA Director) Frank Comfort, KO1M and his staff have put in an awful lot of time and effort in this educational process.

Your support in directing prospective students to these classes will be of benefit to the organization and to HAM Radio in general. There is almost no growth in HAM Radio and the danger of losing young people who would normally be interested in communications to the computer with telephone modem services lurks ever present.

I preach the necessity of paying dues and supporting repeaters because of the ever shifting HAM population in our area, and we always need new blood to allow us to keep upgrading and improving repeater service despite inflation at the same dues structure enjoyed for some ten years. Our goal is to continue this as long as possible; we ask only that you support us both with your dues and bringing in new members. Many new members can be obtained via the Amateur Radio educational classes.

Don't forget the March 19th meeting - show us your support by your attendance, meet your old friends and the face behind the call of new friends and have a little fun at the same time. After all isn't HAM Radio and especially repeaters supposed to be a pleasurable hobby?

In parting, the upcoming horror of the reconstruction of the Southeast Expressway will put a heavy burden on Quincy Civil Defense. We are allied with them and HAMS in the South Shore area can contact the Civil Defense Headquarters in Quincy and telling the Secretary of your willingness to be of assistance. You need not be a Civil Defense member to give a little time or be available in the event of an emergency.

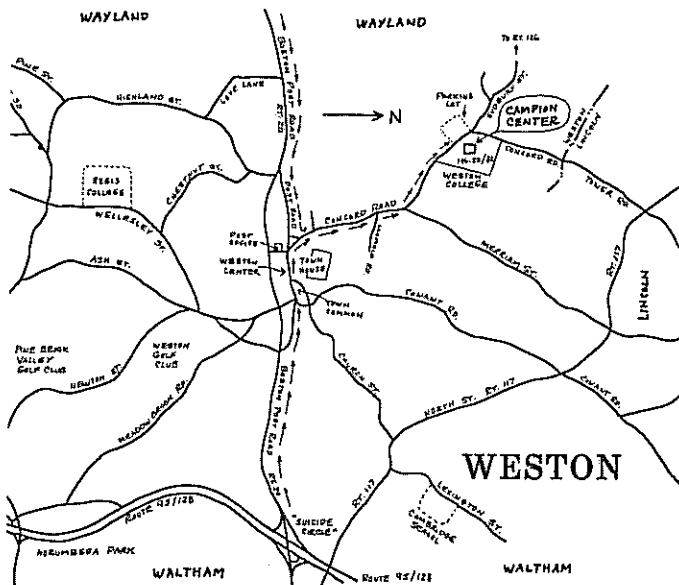
73
De KAIAL

SUNDAY, APRIL 29 - SECOND ANNUAL RUN-OF-THE-CHARLES

The Charles River Watershed Association liked the job ham radio did last year in making sure the participants in their 41-mile canoe race came through safely. They want us again. Stew Johnson, WIUVE, is coordinating the job. The main effort will be on 2 meter repeaters, but we can use anyone with 220 gear or packet capability as well. Full details, as they develop, will be on the Public Service Net, Tuesdays at 1930 on 146.82.

1983-84 MEETING DATES

MONDAY - MAR. 19 - WESTON
TUESDAY - MAY 15 - WESTON



PRESIDENT'S CORNER

In January during blizzard conditions, I had to make a split second decision and cancel the Membership Meeting.

I could feel the pulse of the membership telling me to reschedule this meeting. We did just that and the meeting was a resounding success as to attendance, response to the guest speaker and the enjoyment of the membership. The speaker was dynamic in his delivery and covered a lot of territory in a brief period. This allowed us to present some technical insight to the membership of what is meant by a remote receiver site. I was delighted by the interest of the members in the working of a repeater and when the questions became really technical, Bob Wilmarth, WICMR bailed me out. Although I am not a technical person by training or profession, I have acquired some knowledge of repeaters and their operation while serving on the Board since 1978.

They say a little knowledge is a dangerous thing and I had assumed that everybody knew a lot about repeaters.

THE MINUTEMAN REPEATER ASSOCIATION

The Minuteman Repeater Association is an organization dedicated to the promotion of amateur radio activities through the use of UHF and VHF Frequency Modulation techniques; to encourage participation in the Radio Amateur Civil Emergency Service (RACES) of the Commonwealth, or any county or town therein, and the U.S. Government; to develop, utilize and coordinate amateur radio repeater systems as licensed by the Federal Communications Commission; to assist Civil Defense and other units of government in the field of communications as the need may arise; to sponsor any endeavor or engage in any other non-profit purposes for and in behalf of the membership of the Association, which is consistent with the provisions of Internal Revenue Code, section 501 (C)(7).

The MMRA owns and operates four two meter repeaters, one 220 repeater and one 450 repeater:

Marlboro	146.01	-	.61
	444.50	-	449.50
Stoneham	146.115	-	.715
Quincy	146.07	-	.67
	222.80	-	224.40
Weston	146.22	-	.82

All general correspondence and inquiries regarding membership should be addressed to The Minuteman Repeater Association, P.O. Box 2282, Lexington, MA 02173.

BOARD OF DIRECTORS

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Alan Kunian KALAL 47 Carl Road
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Frank Comfort KOLM Medford (H)396-8458
Thomas Holmes WALZID Randolph (H)961-3156
Gerald Horne KLG0I Stow (H)897-3996 or 7146

Board meetings are held the first Wednesday of the month (except July) at 7:30 PM at 326 Union Avenue in Framingham

THE MINUTEMAN

THE MINUTEMAN, the official Newsletter of the Minuteman Repeater Association, is published six times a year. The purpose of the Newsletter is to keep its members informed on meetings, special events and actions of the officers and membership. It is also to serve as a source of technical information written by its members and to list equipment offered for sale. Letters to the Editor are strongly encouraged, and they must be signed. Names will be withheld upon request. Material for The MINUTEMAN should be sent to the Editor, William Shaughnessy, KBLDY 49 Grafton Street, Arlington, MA 02174

PUBLIC SERVICE NET

Tuesdays - 7:30 PM on 22/82 Traffic or comments

SATELLITE NET

Wednesdays --8:00 PM Information and discussion

APPOINTMENTS FOR THE YEAR 1983-1984

Trustees of repeaters

-61 Steve Tolf KLST (H) 366-7636
-67 Joe Devin, Sr. WLMWF (H) 782-8893
-715 Bill Sencabaugh KLUAQ (W) 942-0100
-82 Bill Wade KLIJZ (H) 891-9079
-220 Tom Holmes WALZID (H) 961-3156
-450 Fred Campbell WBLFAE (H) 485-7935

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Al Hamilton AG1F (H) 922-3307

Education

Frank Comfort KOLM (H) 396-8458

Microprocessor and New Tech Projects

George Downs WLCT (H) 899-4794

Direction Finding

Mort Grant WLJSH (H) 657-7940

Ombudsman

Gene Piken WELHAP (H) 359-7686

Raffle

Gerry Horne KLG0I (H) 897-3996 or 7146

WELCOME TO NEW MEMBERS

WLACB	Charles	Quincy
NLAPE	Harold	Littleton
NLBVN	Leo	Milton
NLCIN	Paul	Woburn
NLCVI	Ronald	Quincy
KBLBN	Gary	Brookline
NLER	Anthony	Bedford
KALGLH	Ralph	So. Weymouth
KALLDX	Tom	Stoneham
WALMFG	Dan	Wollaston
KLNLP	Dave	Holliston
WALRNM	Carol	Needham
WALSCH	Bob	Millis
WB7VJK	John	Bedford
WA2VST	Ira	Newton

HERE and THERE

Last chance for nominees for MMRA Officers get your nomination in to the Secretary ASAP.

The Marlboro 61 repeater has exceptionally good ears but has a weak voice. The current duplexer can handle 35 watts output but fails in the higher range. Be prepared to appropriate (from-existing funds) \$850 for a new 6-cavity set of "cans" at the March 19th meeting. When this unit is installed, 61 can resume its normal output of 200 watts.

Soon there will be another 220 repeater on the air. Gary Johnson, WA1QMI, owns a new unit which he hopes to install at the Marlboro 61 location under the umbrella of MMRA. It would be an open machine available to anyone, with an operating frequency of 222.34 in and 223.94 out. And so MMRA continues to grow.

COMING EVENTS

KBIDY

Fig. 1

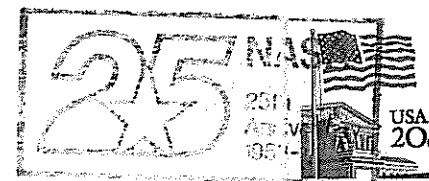
Katy did it! A big blue ribbon to Katy, KAIKEH, XYL of Tom, NIAZM for moving up to General from the Novice class. And isn't Tom proud of her!



MMRA

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